



Solutia Inc.

575 Maryville Centre Drive St. Louis, Missouri 63141

P.O. Box 66760 St. Louis, Missouri 63166-6760 Tel: 314-674-1000

November 14, 2003

Mr. Nabil S. Fayoumi U. S. Environmental Protection Agency - Region 5 **Superfund Division** 77 West Jackson Boulevard (SR-6J) Chicago, Illinois 60604-3590

Re: Stormwater Treatment System

Slurry Wall Excavation, Sauget Area 2, Sauget, Illinois

Dear Mr. Fayoumi:

Enclosed is the revised stormwater design including the flocculation system.

If you have any questions, please call me.

Sincerely,

Solutia Inc.

Gary W. Vandiver

Project Coordinator

Sandra Bron - IEPA CC.

Linda Tape - Husch & Eppenberger

Mike Coffey - USF&W

Tim Gouger - USACE

Peter Barrett - CH2M Hill

Steven Acree – USEPA

Ken Bardo - USEPA

Richard Williams - Solutia

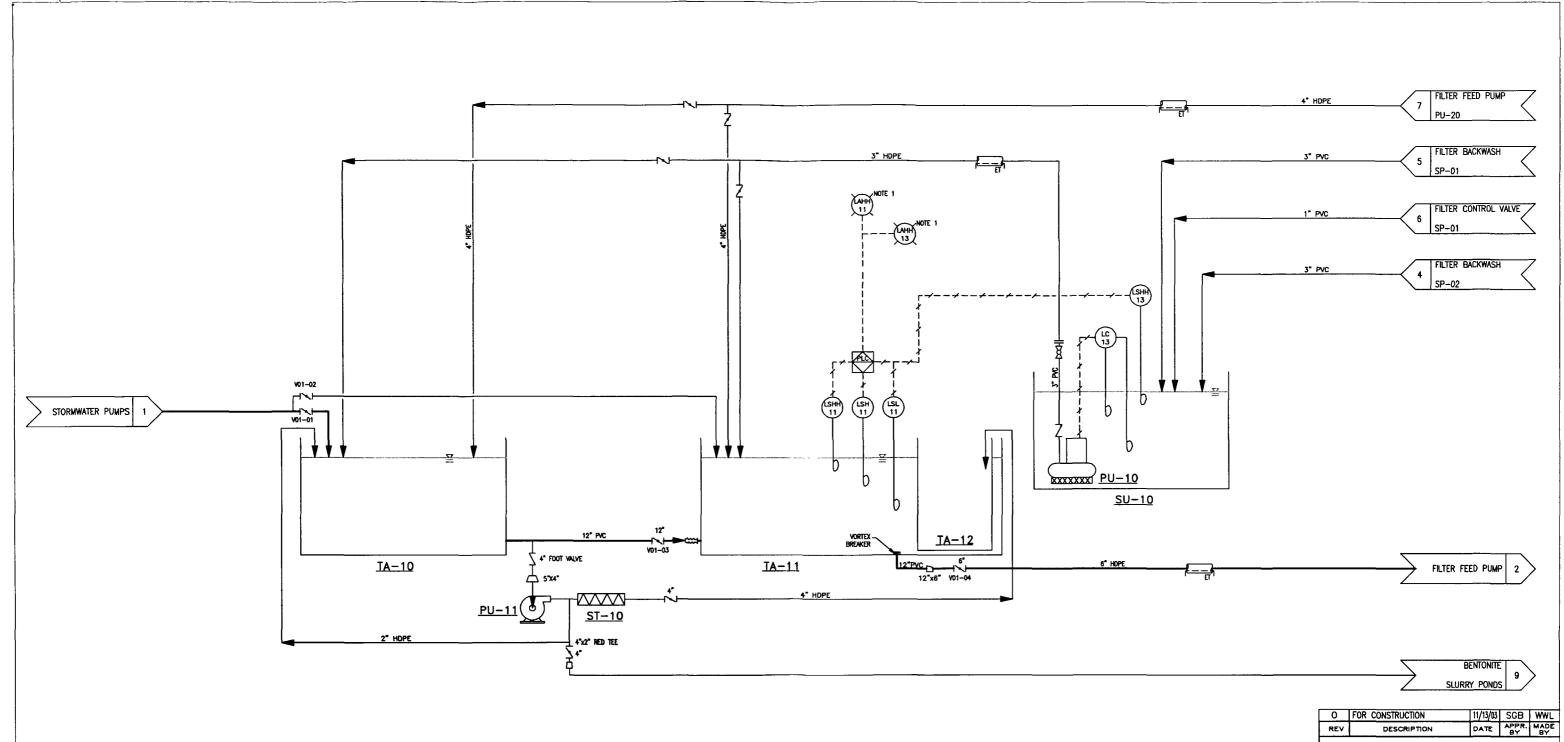
Bruce Yare - Solutia

Cathy Bumb - Solutia

DRAWING NO.	TITLE	DRAWING NO.	TITLE
PID-01	PIPING AND INSTRUMENTATION DIAGRAM STORMWATER STORAGE.	GA-03	FLOCCULATION SYSTEM GENERAL ARRANGEMENT.
PID-02	PIPING AND INSTRUMENTATION DIAGRAM STORMWATER FILTRATION SKID ASSEMBLY.	P-01	STORMWATER TREATMENT SYSTEM SECTIONS & DETAILS.
PID-03	PIPING AND INSTRUMENTATION DIAGRAM CARBON TREATMENT.	P-02	STORMWATER TREATMENT SYSTEM SECTIONS & DETAILS.
GA-01	STORMWATER TREATMENT SYSTEM GENERAL ARRANGEMENT.	M-01	FLOCCULATION TANK DETAILS.
GA-02	STORMWATER TREATMENT SYSTEM GENERAL ARRANGEMENT.		



Nashville, Tennessee
ADVENT PROJECT NO. 03637



ST-10 STATIC IN-LINE MIXER KOFLO SERIES 328

PU-1Q
BACKWASH COLLECTION PUMP
150 GPM © 25' TDH
2 HP, 1,750 RPM
460V 3PH
HYDROMATIC, ZOELLER OR APPROVED EQUAL
MAT'L OF CONST: CI

SU-10

BACKWASH COLLECTION SUMP
DIMENSION: 5'\$\psi\$ \times 5'-0" H
OPERATING CAPACITY: 360 GAL.
MAT'L OF CONST: CONCRETE

TA-10/TA-11
STORMWATER COLLECTION TANK
DIMENSION: 60'-6" x 124'-3" x 4'-9"
OPERATING CAPACITY: 253,000 GAL.
MAT'L OF CONST: STEEL WALL PANEL
WITH 45 MIL. PP LINER

PU-11 CENTRUFUGAL PUMP TA-12
FLOCCULATION TANK
MAT'L OF CONST: STEEL

NOTES:

1. ALARM INPUT TO AUTODIALER.

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	REVIS	SIONS	5	-			
BY	DATE		BY	DATE			
WWL	7/14/03	APPR.	CSR	7/18/03			
SGB	7/18/03						
N.T.S.							
THE ADVENT GROUP, INC.  Noshville, Tennessee  PIPING AND INSTRUMENTATION DIAGRAM STORMWATER STORAGE  SOLUTIA KRUMMRICH SAUGET, ILLINOIS							
	WWL SGB N.T.S.	BY DATE WWL 7/14/03 SGB 7/18/03 N.T.S.  THE ADVENT Nashville, DIAG	BY DATE WWL 7/14/03 APPR. SGB 7/18/03 N.T.S.  THE ADVENT GROUF Nashville, Tennessee  ING AND INSTRUM DIAGRAM	WWL 7/14/03 APPR. CSR SGB 7/18/03 N.T.S.  THE ADVENT GROUP, INC. Noshville, Tennessee  ING AND INSTRUMENTA DIAGRAM			

PID-01

REV.

CONTRACT NO.

03637

